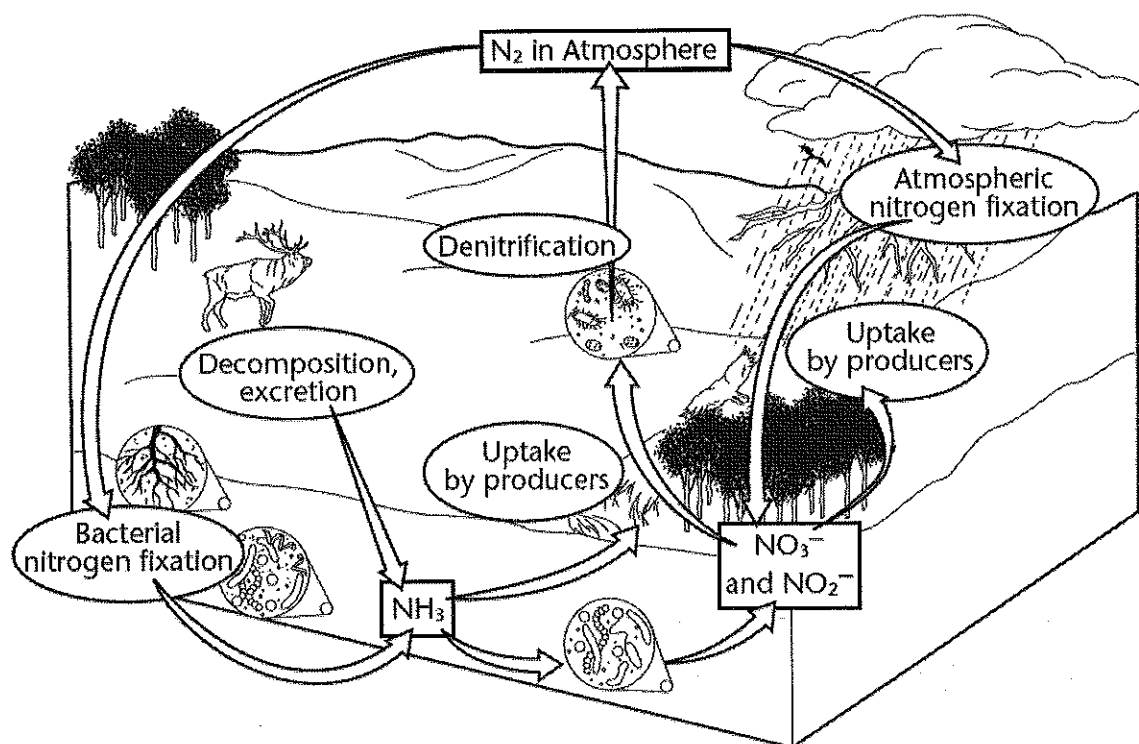


The Nitrogen Cycle

Nitrogen cycles through the biosphere in several forms. Nitrogen gas is a major component of the atmosphere, but only certain types of bacteria can use it directly. These bacteria convert the nitrogen into forms that producers can use.

Color the arrows that show nitrogen moving in a form that plants cannot use blue. Color the arrows that show nitrogen moving in a form that is useful to producers red.



Use the diagram to answer the question.

1. By which process do certain bacteria convert nitrogen gas into ammonia (NH_3)?

2. Look at the diagram. Which forms of nitrogen are useful to producers?
